

KAZARINOV, R.F.; SKOBOV, V.G.

Theory of the amplification of ultrasound by semimetals
in electric and magnetic fields. Zhur. eksp. i teor. fiz.
43 no.4:1496-1503 0 '62. (MIRA 15:11)

1. Fiziko-tekhnicheskiy institut im. A.F. Ioffe AN SSSR.
(Ultrasonic waves) (Electric ~~fields~~). (Magnetic fields)

S/056/63/044/004/035/044
B102/B186

AUTHORS: Kazarinov, R. F., Skobov, V. G.

TITLE: Theory of electrical conductivity of ionic semiconductors in strong electric and magnetic fields

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44, no. 4, 1963, 1368 - 1374

TEXT: The electrical conductivity of ionic semiconductors in strong crossed electric and magnetic fields ($\vec{E}\vec{H}$) is investigated for the case of low temperatures, when the electron energy relaxation is effected by piezo-electric phonons or weak dispersion of optical phonons. The electric field is assumed such that the electron energy remains considerably below the maximum energy of optical phonons ($\hbar\omega_0$). Electron scattering is assumed to be mainly due to the presence of ionized impurities; electron-electron scattering is neglected (compensated impurity semiconductor). All impurities are assumed to be ionized and the electron concentration to be independent of the field strength ($n=\text{const}$); $\vec{E} \parallel x$; $\vec{H} \parallel z$. First the case is

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considered when the impurities do not contribute to ion scattering ($\tau_i \gg \tau_f$). Then the current density is given by $j_x = j_x^{(0)} [1 + \frac{1}{3}(eE/sH)^2]^{-1/2}$, where s is the average sonic velocity. In the opposite case ($\tau_i \ll \tau_f$), $j_x \sim (EH)^{-1/2}$, and the mean electron energy $\bar{z} \sim E$; the collision frequency with charged impurities and consequently the conductivity is proportional to $\bar{z}^{-3/2}$. These relations are valid if $\Omega\tau_i \gg 1$, where Ω is the cyclotron frequency. The tensor of specific resistance $\rho_{ik} = E_i j_k / j^2$ is also calculated for this case: $\rho_{xx} \sim j^{-3/2}$ and $\rho_{xy} = H/neo$. Subsequently the case is considered that electron energy relaxation is due to the dispersion of optical phonons and that momentum relaxation is due to the presence of the impurity ions. For $z \gg 1$, $v_0 \ll v_1(z) \ll \Omega$ and $v_1(z) \approx 1/\tau_1 z^{3/2}$ and $z \approx g^{-2/5}$, $j_x \approx j_x^{(0)} g^{3/5} H^{-4/5} E^{-1/5}$ (negative differential conductivity). These relations are applicable for $g \ll 1$ and $v_0 \ll \Omega$. $\rho_{xx} = \sigma_0^{-1} (2\Delta/mc^2)^{3/5} (neo/j)^{6/5}$, where $\Delta = \lambda^2 v_0 \tau_1 \omega_0$ and σ_0 is the conductivity with $H=0$ and $E \rightarrow 0$. It may therefore be concluded that

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With increasing E the mean electron energy increases and the collision frequency with impurity ions decreases. In a certain range of E the conductivity current decreases with increasing E . There are 2 figures.

ASSOCIATION: Fiziko-tehnicheskii institut im. A. F. Ioffe Akademii nauk SSSR (Physicotechnical Institute imeni A. F. Ioffe of the Academy of Sciences USSR)

SUBMITTED: November 21, 1962

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ACCESSION NR: AP4013539

S/0181/64/006/002/0644/0645

AUTHORS: Alferov, Zh. I.; Galavanov, V. V.; Zimogorova, N. S.; Kasarinov, R. P.

TITLE: Recombination radiation of p-n-n⁺ structure in indium antimonide

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 644-645

TOPIC TAGS: recombination, radiation, recombination radiation, p n n⁺ structure, indium antimonide, spontaneous recombination radiation, spectral distribution, forbidden zone, current carrier, current carrier concentration, current density, radiation intensity

ABSTRACT: The authors have made several experiments on spontaneous recombination radiation, at temperatures near the temperature of liquid nitrogen, from the p-n-n⁺ structure of indium antimonide. The samples were n-type single crystals with $n = 3 \cdot 10^{14} \text{ cm}^{-3}$, $\mu_n = 230 \text{ 000 cm}^2/\text{v-sec}$ and $n = 2 \cdot 10^{15} \text{ cm}^{-3}$, $\mu_n = 200 \text{ 000 cm}^2/\text{v-sec}$ (at the temperature of liquid nitrogen). The width of the middle n-layer was 150-200 microns. The current carrier concentration in the highly doped zones was $5 \cdot 10^{17} \text{ cm}^{-3}$ in the p zone and above 10^{17} cm^{-3} in the n-zone. The spectral distribution for recombination radiation proved to be almost symmetrical with a maximum at

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an energy of about 0.215 ev. The width of the forbidden zone, determined from the edge of the recombination radiation spectrum, was 0.200 ev, which agrees well with theory for that temperature (130K). The spectrum of recombination radiation for materials with lower carrier concentration was always somewhat below the spectrum of the first sample. This is undoubtedly due to the beginning of degeneracy in the latter. Preliminary studies indicate a linear relation between current density and intensity of radiation. "The authors sincerely thank Professors V. M. Tuchkevich and D. N. Nasledov for their constant interest in the work, and they thank Ye. A. Gamilko for his aid in preparing the samples." Orig. art. has: 2 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR, Leningrad
(Physicotechnical Institute AN SSSR)

SUBMITTED: 07Oct63

DATE ACQ: 03Mar64

ENCL: 00

SUB CODE: PH

NO REF SOV: 001

OTHER: 002

Card 2/2

L 58994-65

EWI(1)/EWI(m)/T/EWP(t)/EWP(b)/EWA(h)

Pz-6/Feb IJP(c) AT/JD

ACCESSION NR: AP5017309

AUTHOR: Ipatova, I. P.; Kazarinov, R. F.; Subashiyev, A. V.

TITLE: The Faraday effect with respect to "hot" electrons in germanium and silicon

SOURCE: Fizika tverdogo tela, v. 7, no. 7, 1965, 2129-2132

TOPIC TAGS: Faraday effect, semiconductor, germanium, silicon

ABSTRACT: The relationship between electron redistribution and the Faraday effect in the infra-red region was investigated. Low magnetic fields were used, where the concentration of electrons in the i -th ellipsoid is determined by the magnetic field. The study was limited to the case of rather strong magnetic fields, where ω_0 is the optical phonon frequency. In this case the relaxation of electron energy is caused by interaction with the optical oscillations of the lattice. An expression was derived for angular displacement of the polarization plane in the near approximation (with respect to H). The effect was considered for Ge and Si. It was shown that the presence of a heating field in p-type Ge and Si causes a measurable change in the angular displacement of the plane of polarization. The isotropy in the rotation of the polarization plane. The measurements were made in the

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L 58994-65

ACCESSION NR: AP5017309

displacement in weak magnetic fields and strong electric fields make it possible to determine the effective mass anisotropy of free carriers. Orig. art. has: 14 formulas.

ASSOCIATION: Fiziko-tekhnicheskii institut im. A. F. Ioffe AN SSSR, Leningrad
(Physicotechnical Institute, AN SSSR)

SUBMITTED: 08Feb55

ENCL: 00

SUB TOT: 1

NO REF SOV: 003

OTHER: 003

Card 2/2

L 38865-66 WT(1)/EM(1)/T/M(1)/TI EBF(G) AT/JD

ACC NR: AR6015905

(A)

SOURCE CODE: UR/0081/65/000/022/E018/E018

AUTHOR: Alferov, Zh. I.; Galavanov, V. V.; Zimogorova, N. S.; Kazarinov, R. F. 56

TITLE: Recombination radiation from the p-n-n⁺ structure in indium antimonide B

SOURCE: Ref. zh. Khimiya, Abs. 22B91 27 27

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 503-507

TOPIC TAGS: indium antimonide, recombination radiation, semiconductor carrier

ABSTRACT: The spectral distribution of recombination radiation from the p-n-n⁺ structure in indium antimonide was studied. The p-n-n⁺ structures were obtained by fusing indium and tin into n-type indium antimonide of high purity. The dependence of the intensity and spectral distribution of the recombination radiation on the concentration of the injected carriers was investigated. Authors' abstract. [Translation of abstract].

SUB CODE: 20

Card 1/1

Card

1/1

RESEARCH, ..., Incl.

Study of the temperature conditions of the superheater pipes of
boilers. Izv.vys.uchov.zav.; energ. 8 no.9:47-51 S '65.

(MIRA 18:10)

1. Vostochnyy filial Vsesoyuznogo teploekhnicheskogo nauchno-
issledovatel'skogo instituta. Predstavlena nauchno-tekhnicheskimi
sovetami laboratorii bliznykh ustanovok.

KAZARINOV, S.I., inzh.

Temperature conditions of the superheater of a boiler with
215 atm. rating. Elek. sta. 36 no.1:11-15 Ja '65.

(KIRA 18:3)

KAZARINOV, S.I., inzh.

Prevention of damage to steam superheaters due to the clogging of
pipes. Elek. sta. 36 no.8:6-8 Ag '65.

(MIRA 18:8)

TUCHIN, A.; KAZARINOV, V.

The Pentagon is a weapon of imperialistic aggression. Komm.
Vooruzh. Sil 4 no.23:89-92 D '63. (MIRA 16:12)

KAZARINOV, V., podpolkovnik

Reviews and bibliography. Komm. Vooruzh. Sil 46 no.23:95-93
D 165.
(MIRA 18:12)

KAZARINOV, V., podpelkovnik

Reviews. Komm. Vozruch. Sil 46 no.15.89 91 Ag '65.

(MIRA 18:9)

KAZARINOV, V., podpolkovnik

Comrades in arms. Komm. Vooruzh, Sil 5 no.22:91-92 N '64.

(MIRA 17:12)

CZECHOSLOVAKIA

KAZARINOV, V. N.; BALASHOVA, N. A.

Institute of Electrochemistry, USSR Academy of Sciences (Institut Elektrokhemii, Akademiia Nauk SSSR), Moscow (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 12, Dec 1961, pp 4184-4192

"Study of sulfuric and phosphoric acid adsorption on platinum."

KAZARINOV, V. N.; SOVKOV, I. D.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721320019-6"

Peat Industry

Drying turfs in multilayer Stacks, Torf. prom., 29, No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

13618 KAZARINOV V.F.

17

13618* The Problem of Drying Lamp Pests by Use of Multiple-Layer Piles. (Russian.) V. F. Kazarinov and I. D. Sokolov. *Tekhnika Promyshlennosti*, v. 29, July 1952, p. 27-30. Discusses various aspects of drying. Data from a series of test piles are tabulated.

ALIMOV, R.Z.; KAZARINOV, V.G.; NEVEROV, A.M.

Using a device with a volumetric pickup in measuring thin liquid
films. Izv. tekh. no.9:16-19 S '64. (MIRA 18:1)

KAZARINOV, V.I., kand. tekhn. nauk, CHERESHNEV, V.A., INZH.

Building machinery at the international exhibition in Paris.
Mekh. stroi. 18 no.11:28-30 N '61. (MIRA 16:7)

(Paris--Exhibitions)
(Earthmoving machinery. Exhibitions)

KAZARINOV, V.M., doktor tekhnicheskikh nauk, professor.

On the unification of methods of making braking calculations and
calculated norms for cars on international railroads. Vest. TSNII
NPS 16 no.4:34-38 Jo '57. (MLRA 10:8)

(Railroads--Brakes)

11-12-1957, 1. 11.
KAZARINOV, V.M., prof., doktor tekhn. nauk; LARIN, T.V., kand. tekhn. nauk;
VUKOLOV, L.A., kand. tekhn. nauk; DEVYATKIN, V.P., kand. tekhn. nauk;
TARASENKO, A.Ya., kand. tekhn. nauk; SHCHETININ, V.K., inzh.

Investigation of materials for brake shoes having improved frictional
properties. Vest. TSNII MPS 16 no.7:11-17 0 '57. (MLRA 10:11)
(Railroads--Brakes)

KAZARINOV, V.M., professor, doktor tekhnicheskikh nauk.

Methods for brake calculations and calculating norms. Trudy TSNII
MPS no.127:5-26 '57. (MLRA 10:8)

(Railroads--Brakes)

KAZARINOV, V.M., kand. tekhn. nauk; LAMUNIN, S.N., inzh.

Dump trucks of a special type. Mekh. stroi. 15 no.1:29-31 Ja '58.
(Dump trucks) (MIRA 11:1)

KAZARINOV, V.M., doktor tekhn. nauk, prof.

Starting points in placing permanent signals and safety stations
for preventing traffic hindrances in railroad transportation. Vest.
TSNII MPB 17 no.2:3-6 Mr '58. (MIRA 11:4)

(Railroads--Signaling) (Railroads--Safety measures)

KAZARINOV, V.M., prof., doktor tekhn.nauk

solving braking problems for high-speed trains. Zhel. dor. transp.
40 no.3:77-78 Mr '58. (MIRA 11:4)
(Railroads--Brakes)

KAZARINOV, V.M., prof., doktor tekhn.nauk

Operation of automatic brakes under cold weather. Zhel.dor.
transp. 40 no.11:26-31 N '58. (MIRA 11:12)
(Railroads--Brakes) (Railroads--Cold weather operation)

KAZARINOV, V.M., doktor tekhn.nauk; VUKOLOV, L.A., kand.tekhn.nauk; LARIN, T.V.,
kand.tekhn.nauk; DEVIATEIN, V.P., kand.tekhn.nauk; TARASENKO, A.Ya.,
kand.tekhn.nauk; SHCHETININ, V.K., inzh.

Investigating brake shoes made of asbestos friction materials.

Trudy TSNII MPS no.163:5-37 '58.

(MIRA 12:2)

(Railroads--Brakes--Testing)

KAZARINOV, V.M.

SOKOLOV, K.M.; YINVESTAFYEYEV, S.V.; ROSTOTSKIY, V.K.; STANKOVSKIY, A.P.;
VARENIK, Ye.I.; ONUFRIYEV, I.A.; SVESHNIKOV, I.P.; UKHOV, B.S.;
BAUMAN, V.A.; BARSOV, I.P.; BASHINSKIY, S.V.; BOYKO, A.G.; VALUTSEY, I.I.;
ZAPOL'SKIY, V.P.; ZOTOV, V.P.; IVANOV, V.A.; KAZARINOV, V.M.;
LEVI, S.S.; MALOLETKOV, Ye.K.; MERENKOV, A.S.; MIROPOL'SKAYA, N.K.;
OSIPOV, L.G.; PEREL'MAN, L.M.; PETROV, G.D.; PETROV, N.M.; POLYAKOV, V.I.;
VATSSIAVSKAYA, L.Ya.; VAKHRAMEYEV, S.A.; VERZHITSKIY, A.M.;
VLASOV, P.A.; VOL'FSON, A.V.; VOSHCHININ, A.I.; DZHUNKOVSKIY, N.N.;
DOMBROVSKIY, N.G.; YEPIFANOV, S.P.; YEFREMEYKO, V.P.; ZELICHENOK, G.G.;
ZIMIN, P.A.; POPOVA, N.T.; ROGOVSKIY, L.V.; REBROV, A.S.; SAPRYKIN, V.A.;
SOVALOV, I.G.; SOSHIN, A.V.; STARUKHIN, N.M.; SURENYAN, G.S.; TOLORAYA, D.F.;
TROITSKIY, Kh.L.; TUSHNYAKOV, M.D.; FROLOV, P.T.; TSIRKUNOV, I.P.

Andrei Vladimirovich Konorov; obituary. Mekh. stroi. 16 no.1:32 Ja
'59. (MIRA 12:1)

(Konorov, Andrei Vladimirovich, 1890-1958)

KAZARINOV, V.M., doktor tekhn.nauk prof.

Selecting braking equipment for six-axles gondola cars.
Vest.TSNI MPS 19 no.2:39-41 '60. (MIRA 13:6)
(Railroads--Brakes)

KAZARINOV, Valentin Makarovich, doktor tekhn.nauk; KATANOV, Mikhail
Ivanovich, inzh.; MEDVEDEV, Veler'yan Vasil'yevich, inzh.; MEDLIN,
Rogvalod Yakovlevich, inzh.; TROFIMOV, Sergey L'vovich, inzh.;
FIL'KOV, Nikolay Iosifovich, inzh.; SAZONOV, A.G., inzh., red.;
KHITROV, P.A., tekhn.red.

[Railroad rolling stock] Podvishnoi sostav zheleznykh dorog.
Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshche-
niia, 1960. 367 p. (MIRA 13:12)
(Railroads---Rolling stock)

KAZARINOV, Y.M., doktor tekhn.nank, prof.; INOZEMTSEV, V.G., kand.tekhn.
~~_____~~

Automatic brakes of series F electric locomotive. Vest.TSNII
MPS 19 no.6:26-29 '60. (MIRA 13:9)
(Electric locomotives--Brakes)

KAZARINOV, Valentin Makarovich, doktor tekhn. nauk, prof.; KARVATSKIY, Bronislav Lyudvigovich, doktor tekhn. nauk, prof.; YASENTSEV, V.P., kand. tekhn. nauk; KARMINSKIY, D.E., prof., retsenzent; BOROVSKIY, G.M., kand. tekhn. nauk, retsenzent; KLYKOV, Ye.V., kand. tekhn. nauk, red.; KHITROV, P.A., tekhn. red.

[Designing and testing automatic brakes] Raschet i issledovanie avto-
tormozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei
soobshcheniia, 1961. 231 p. (MIRA 14:8)
(Railroads—Brakes)

KAZARINOV, V.M., doktor tekhn.nauk, prof.; INOZEMTSEV, V.O., kand.tekhn.nauk

Further improvement in designing braking systems for railroad rolling
stock. Vest.TSNII MPS 20 no.3:34-37 '61. (MIRA 14:5)
(Railroads--Brakes)

KAZARINOV, V.M., doktor tekhn.nauk; GREBENYUK, I.T., kand.tekhn.nauk

Longitudinal stresses in the braking of freight trains with cast-iron and composition brake shoes. Vest. TSNII MPS 20 no.7:32-34
:61. (MIRA 14:12)

(Railroads--Brakes)

KAZARINOV, V.M., doktor tekhn.nauk; GREBENYUK, P.T., kand.tekhn.nauk

Calculation of braking systems for passenger trains with
brake shoes made of composition materials. Zhel.dor.transp.
43 no.5:42-44 My '61. (MIRA 14:4)
(Railroads--Brakes)

KAZARINOV, V. M.

report submitted for the 18th Session of the Intl. Railway Congress
Association, Munich, Germany, 17-27 June 1962.

publ. in Monthly Bulletin of the Intl. Railway Congress Association, Brussels, Jun '62.

*Monthly Bulletin of the International
Railway Congress Association
June 1962
Published in Brussels*

17-27 June 1962

SECTION II. — Locomotives and rolling stock.

[625 .35]

QUESTION 3.

Latest developments in the braking of railway rolling stock
(systems, control, types of equipment, materials used...),

by V.M. KAZARINOV,

Doctor of Technical Sciences, Professor of the All-Union Scientific Research Railway Transport Institute
Ministry of Communications, USSR.

Special Report.

KAZARINOV, V.M., doktor tekhn.nauk; KLYKOV, Ye.V., kand.tekhn.nauk;
GREBENYUK, P.T., kand.tekhn.nauk

Solving brake calculation problems for various operation types.
Vest. TSNII MPS 20 no.5:30-33 '62. (MIRA 15:8)
(Railroads--Brakes)

KLYKOV, Yevgeniy Vladimirovich, kand. tekhn.nauk; KAZARINOV, V.M.,
prof., retsient; BOROVSKIY, G.M., kand. tekhn. nauk, red.;
SOBAKIN, V.V., inzh., red.; KHITROVA, N.A., tekhn. red.

[Braking of trains]Tormozhenie poezda. Moskva, Transzheldorizdat,
1962. 139 p. (MIRA 16:1)

(Railroads--Brakes)

KAZARINOV, V.M.; GREBENYUK, P.T.; KLYKOV, Ye.V.; FILIPPOVA, L.S.,
red.; VASIL'YEVA, N.N., tekhn. red.

[Methods for braking analysis calculations] Metody tormoz-
raschetov. Moskva, Transzheldorizdat, 1962. 55 p.

(MIRA 16:4)

(Railroads--Brakes)

KAZARINOV, V.M., doktor tekhn. nauk, zasl. deyatel' nauki i
tekhn. nauch. sovetnik RSFSR; KARMINSKIY, D.E., doktor tekhn. nauk,
retsenzent ; OZOLIN, A.K., inzh., red.; KHITROVA, N.A.,
tekhn. red.

[Automatic brakes] Avtotormoza. Izd.2. Moskva, Trans-
zheldorizdat, 1963. 238 p. (MIRA 16:9)
(Railroads--Brakes)

KAZARINOV, V.M., prof., doktor tekhn. nauk

Further improvement of automatic brakes is an important factor
in the efficient utilisation of the advanced types of traction.
Zhel. dor. transp. 45 no.6:45-49 Je '63. (MIRA 16:7)

(Railroads—Brakes)

KAZARINOV, V.M., doktor tekhn.nauk; GREBENYUK, P.T., kand.tekhn.nauk

Need for manual brakes for the holding of trains. Vest.TSNII MPS
23 no.2:39-41 '64. (MIRA 17:3)

KAZARINOV, V. M.

36815. Analiz prichin, vyzyvayushchikh zatyazhnoy otpusk avtomaticheskogo tormoza na elektrovozakh. Trudy Tomskogo elektro-mekhan. in-ta inzhenerov zh.-d. transporta, t. XIV, 1948, c. 23-32

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

KAZARINOV, V. M.

Cand Tech Sci

Dissertation: "Selection and Utilization of Modern Equipment for Intrafactory Railless Transportation in the Manufacturing Enterprises of Building."

23 May 49

Moscow Order of the Labor Red Banner Engineering Construction Institute V. V. Kuybyshev

SO Vecheryaya Moskva
Sum 71

KAZARINOV, V.M.

SEMEENOV, B.N., starshiy nauchnyy sotrudnik; KAZARINOV, V.M., starshiy nauchnyy sotrudnik

Organizing combines of industrial enterprises in the construction industry. Stroi.prom. 27 no.4:15-17 Ap '49.

(MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po organizatsii i mekhanizatsii stroitel'stva.

(Construction industry)

KAZARINOV, V.M., kandidat tekhnicheskikh nauk.

Scientific and technical conference on building. Mekh.stroi 11
no.8:29-30 Ag '54. (MLRA 7:8)
(Construction industry--Congresses)

KAZARINOV, V.M., kandidat tekhnicheskikh nauk.

For extensive over-all mechanization of construction work.
Mekh.stroi 11 no.9:3-6 S '54. (MLRA 7:9)
(Building machinery)

YEPIFANOV, S.P., kandidat tekhnicheskikh nauk; POLYAKOV, V.I., kandidat tekhnicheskikh nauk; KAZARINOV, V.M., kandidat tekhnicheskikh nauk.

Machinery for placing precast and reinforced concrete elements in building apartment houses. Bet.1 shel.-bet. no.9:319-324 D '55.
(MLRA 9:3)

(Cranes, derricks, etc.)

KAZARINOV, V.M., kand.tekhn.nauk, nauchnyy red.; BEGAK, B.A., red.izd-va;
VOLKOV, V.S., tekhn.red.

[Plans for over-all mechanization of construction work] Schemy
kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.
izd-vo lit-ry po stroit. i arkhitekt. No.1. 1956. 191 p.

(MIRA 12:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut orga-
nizatsii i mekhanizatsii stroitel'stva.

(Loading and unloading) (Precast concrete construction)

KAZARINOV, V.M., kandidat tekhnicheskikh nauk, nauchnyy redaktor; **BEGAK, B.A.**,
redaktor izdatel'stva; **GUSEVA, S.S.**, tekhnicheskiiy redaktor.

[Projects of complex mechanization of construction work] Skhemy kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekt. No. 4. Ser. 1. [Earthwork in building highways] Zemlianye raboty pri stroitel'stve avtomobil'nykh dorog. 1957. 77 p. (MIRA 10:6)

1. Akademiya stroitel'stva i arkhitektury SSSR, Moscow. Nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva.

(Earthwork)

(Road construction)

KAZARINOV, V.M., kand.tekhn.nauk, nauchnyy red.; YUDINA, L.A., red.;
EL'KINA, E.M., tekhn.red.

[Plans for over-all mechanization of construction work] Skhemy
kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos.
izd-vo lit-ry po stroit.i arkhitekt. No.2, sec.8. [Loading and
unloading] Pogruzochno-razgruzochnye raboty. 1957. 98 p.
(MIRA 11:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-
issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva.
(Loading and unloading)

Kazarinov, V.M.
GRINEVICH, Georgiy Petrovich, prof., doktor tekhn.nauk; KAZARINOV, V.M.,
kand.tekhn.nauk, nauchnyy red.; BEGAK, B.A., red.izdatel'stva;
PERSON, M.N., tekhn.red.

[Mechanization of loading and unloading work and warehouse
procedures in the construction industry] Mekhanizatsiya pogruzochno-
razgruzochnykh rabot i skladskikh protsessov v stroitel'stve. Moskva,
Gos.izd-vo lit-ry po stroit.i arkhitekt., 1957. 330 p. (MIRA 10:12)
(Loading and unloading)

AUTHOR: Zimin, P.A., } Candidates of Technical
Kazarinov, V.M., } Sciences

TITLE: ~~Transportation~~, Assembly, Scraping and Levelling
Works and their Mechanization. (Mekhanizatsiya pod"-
yem no-transportnykh, montazhnykh i pogruzochno-
razgruzochnykh rabot).

PERIODICAL: Mekhanizatsiya Stroitel'stva, 1957, Nr.11, pp.6-14, USSR.

ABSTRACT: Progress made in the mechanization of the above-mentioned work since 1917 is described. Figure 1 illustrates conveyer belts (15m long) used for the transportation of concrete mix. In 1928 building cranes with 1-ton to 1.25-ton capacity were used (see Figure 2). By 1931 the production of cranes had rapidly increased with the introduction of assembly building methods. Figure 3 shows a timber construction for a bridge crane, used for assembly purposes. From 1930 onwards great progress was made in the design and construction of assembly cranes for the building industry. The first mobile pneumatic suction machine for the unloading of cement from railway trucks

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SCV, 100-11-2.9

Transportation, Assembly, Scraping and Levelling Works and
their Mechanization.

was constructed by the factory imeni Shevchenko in Khar'kov in 1936. Between 1931 and 1940 the amount of mechanical handling in Russia was increased from 1.2% to 4%. When the Moscow motor factory imeni Likhachev was built, the crane DIP (0.25-ton capacity) designed by engineers A.B. Dorf and V.A. Ivanov, was used. In the years 1938/40, production began on various new types of lifting, transporting and levelling machines, e.g. lorry-mounted cranes with 3-ton capacity, steam-driven track cranes of 20-ton capacity, and railway cranes with a capacity of 45 tons. The efficiency of these building machines increased steadily, e.g. during assembly of the blast furnace at the Azovstal' factory, pre-cast elements, weighing 20 tons, were assembled, and a bridge, weighing 100 tons, was lifted in one piece. After the second world war the output of building machines was steadily increased. During 1946/50 more than 400 new prototypes were constructed in factories in Minstroydormash. Further expansion was effected during the fifth 5-year plan, when 435 prototypes were made. In 1940, 1,135 cranes were available for building

Card 2/3

SOV/100-11-2-9

Transportation, Assembly, Scraping and Levelling Works and -
their Mechanization.

construction. This number increased in 1955 to 26,830. Table No.1 shows the various types of excavating machines produced and their corresponding capacities. Table Nr 2 gives the pre-war and post-war output of cranes. The following prototypes of cranes were constructed: BKSM-2P BKSM-4P BKSM-14P. Figure 5 illustrates a bridge crane widely used for assembly work. Recently, a universal excavator crane of 10-ton capacity (E-656 -see Figure 6) was constructed. The factory imeni "Yanvarskoye Vostaniya" is manufacturing lorry-mounted cranes, pneumatic tyre mounted cranes of 3, 5 and 10-ton capacity (see Figure 7), and cranes of 10-25-ton capacity (see Figure 8). Figure 9 illustrates excavating machine PZ/240. A number of machines have been constructed for unloading railway trucks, e.g. T-182/A. Figure 10 illustrates self-loading trucks for the transportation of cement. Figure 11 illustrates lorry-mounted Crane 4008. There are eleven figures and two tables.

1. Construction equipment--Design 2. Construction equipment--
Production

Card 3/3

SOV/100-11-7-9

AUTHOR: Kazarikov, V.M., Candidate of Technical Sciences

TITLE: International Industrial Fair in Yugoslavia (Na mezhdunarodnoy promyshlennoy yarmarke v Yugoslavii),

PERIODICAL: Mekhanizatsiya Stroitel'stva, 1957,¹⁴ Nr 11, P 26-30.

ABSTRACT: The author reports on and evaluates exhibits from the Zagreb 51st Industrial Fair, held in 1956. Various building machines, manufactured both in Iron curtain countries and the West, are described and illustrated: a light, multi-bucket trench excavator, manufactured by Aveling Barford Ltd. (Eng.), (Figure 1), a bulldozer mounted on track undercarriage, manufactured by the same firm - Figure 2, a tractor with vertical drilling mechanism by Fergusson Ltd. - Figure 3, a light dumper with 0.4m³ capacity, manufactured by Aveling Barford Ltd. - Figure 4. There is a heavy trailer TL-20, manufactured by "Wagonbau Gota", East Germany - Figure 5, a single bucket tractor mounted scraper S-601 manufactured by "Vender" (Italy) - Figure 6, a single bucket tractor mounted scraper manufactured by Aveling Barford Ltd. - Figure 7, a tractor mounted scraper of Yugoslav manufacture - Figure 8.

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International Industrial Fair in Yugoslavia. SOV100-11-7-9.

Figure 9 shows a hydraulic lorry-mounted crane manufactured by "Shkoda" (C.S.R.) and there is a light lifting gear manufactured by "ACE" (England). There are ten figures.

1. Industry--Yugoslavia 2. Industrial equipment--Development

Card 2/2

KAZARINOV, V.M., kand.tekhn.nauk; FOKHT, L.G., inzh.

Modern foreign one-bucket loaders. Mekh.stroi. 15 no.12:26-30
D '58. (MIRA 11:12)

(Loading and unloading)

KAZARINOV, V.M., a muszaki tudományok kandidátusa; LAMUNIN, Sz.K. [Lamunin, S.K.],
mérnök; JELEI, Sándor, dr. [translator]

specific automatic machines; dumpers. Jarrau mezo gep 6 no.2:33-35
'59.

SEM KOVSKIY, V.V.; SHA FRANSKIY, V.N.; KAZARINOV, Y.M., inzh., red.;
MORSKOY, K.L., red. izd-vo; BORO VAEV, U.K., tekhn. red.

[Over-all mechanization in construction and its efficiency]
Kompleksnaya mekhanizatsiya v stroitel'stve i ee effektivnost'.
Izd. 2., dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i
stroit. materialam, 1960. 215 p.

(MIRA 14:3)

(Building machinery)

KAZARINOV, V.M., kand. tekhn. nauk

Mechanized tools. Mekh. stroi. 17 no.9:29-32 S '60.

(MIRA 13:9)

(Pneumatic tools)

(Power tools)

KAZARINOV, V.M.; CHERESHNEV, V.A.

Construction machines at the International Exhibit in Paris. Mekh.
stroitel. 18 no. 3:26-30 Mr '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii
i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i
arkhitektury SSSR i Gosstroy SSSR.
(Paris—Exhibitions) (Earthmoving machinery)

BELEVTSSEV, V.M., inzh.; KAZARINOV, V.M., kand.tekhn.nauk

Traveling detachment for mechanizing small dispersed building
operations. Stroiki dor.mash. 6 no.7:13-17 JI '61.

(MIRA 24:7)

(Building machinery)

CHERESHNEV, V.A.; KAZARINOV, V.M.

Excavators at the exhibition in Paris. Mekh. stroi. 18 no.5:
27-31 My '61. (MIRA 14:7)
(Paris--Exhibitions) (Excavating machinery--Exhibitions)

IVANOV, V.A., inzh.; KAZARINOV, V.M., kand.tekhn.nauk

Research operations in the field of mechanization of construction.
Mekh. stroi. 18 no.10:30-31 0 '61. (MIRA 14:11)

1. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii
i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i
arkhitektury SSSR (for Kazarinov).
(Building machinery)

OVSYANKIN, V.I., doktor tekhn. nauk; KAZAKINOV, V.M., kand. tekhn. nauk; FINKINSHTEYN, B.A., inzh., red.

[Industrial construction in countries of Northern Europe; a survey] Industrial'noe stroitel'stvo v stranakh Severnoi Evropy; obzor. Moskva, Gosstroizdat, 1962. 57 p.
(MIRA 17:2)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Ovsyankin).

KAZARINOV, V.M.; FOKHT, L.G.; ABRAMOVICH, I.I., inzh., retsenzent;
GORYACHEVA, T.V., inzh., red.; OTDEL'NOV, P.V., inzh.,
red.izd-va; EL'KIND, V.D., tekhn. red.

[Universal construction equipment] Universal'nye stroitel'nye
mashiny. Moskva, Mashgiz, 1962. 157 p. (MIRA 15:11)
(Construction equipment)

ATAYEV, Sergey Sergeyevich; KAZARINOV, V.M., kand. tekhn. nauk,
nauchnyy red.; SHIROKOVA, G.M., red. izd-va; YUDINA,
L.A., red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Mechanization of transportation and assembly work in large-
element housing construction] Mekhanizatsiia transportno-
montazhnykh rabot v krupnoelementnom zhilishchom stroitel'-
stve. Moskva, Gosstroizdat, 1963. 234 p. (MIRA 16:5)
(Apartment houses--Design and construction)

GRINEVICH, Georgiy Petrovich; GRINEVICH, Georgiy Georgiyevich;
GEL'MAN, Aleksandr Samoylovich; KAZARINOV, V.M., kand.
tekhn. nauk, nauchn. red.; GORDEYEV, P.A., red.;
SHIROKOVA, G.M., red.

[Comprehensive mechanization of loading and unloading
work and transportation operations in construction] Kom-
pleksnaya mekhanizatsiya pogruzochno-razgruzochnykh ra-
bot i transportnykh operatsii v stroitel'stve. Moskva,
Stroiizdat, 1964. 363 p. (MIRA 17:6)

KAZARINOV, V.M., kand. tekhn. nauk; IZHEVSKIY, K.K., inzh.; FOKHT, L.G., inzh.; KOTSANDI, I.A., inzh.; ANUCHKINA, N.F., inzh.; POLYAKOV, V.I., kand. tekhn. nauk; GLAZUNOV, V.N., kand. tekhn. nauk; PAVLOVA, Ye.N., inzh.; POLOSIN, M.D., inzh.; KROMOSHCH, I.L., inzh., nauchn. red.; SHERSTNEVA, N.V., tekhn. red.

[Manual on the mechanization of small-scale operations carried out on building sites remote from major construction points] Spravochnoe posobie po mekhanizatsii melkikh rassredotochennykh stroitel'nykh rabot. Moskva, Stroiizdat, 1964. 415 p. (MIRA 17:3)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.

KAZARINOV, V.M., kand. tekhn. nauk; KRICHEVSKIY, A.Z., inzh.

All-purpose construction machinery. Stroi. i dor. mash. 9 no.2:
14-20 F '64. (MIRA 18:7)

KAZARINOV, V. M.

KARVATSKIY, Bronislav Lvudvigovich, professor; KAZARINOV, Valentin Makarovich, professor; OZOLIN, A.K., inzhener, redaktor; YUDZON, D.M.,
tekhnicheskii redaktor

[Automobile brakes] Avtotormoza. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 287 p.
(Automobiles--Brakes) (MIRA 9:11)

KAZARINOV, V.M.

137-58-5-10647

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 254 (USSR)

AUTHORS: Kazarinov, V.M., Larin, T.V., Vukolov, L.A., Devyatkin, V.P., Tarasenko, A.Ya., Shchetinin, V.K.

TITLE: An Investigation of Materials for Brake Shoes of Improved Frictional Properties (Issledovaniye materialov dlya tormoznykh kolodok s povyshennymi friktsionnymi svoystvami)

PERIODICAL: Vestn. Vses. n.-i. in-ta zh.-d. transp., 1957, Nr 7, pp 11-17

ABSTRACT: The increase in train speeds poses the problem of finding new materials for brake shoes (B) having high friction properties and resistance to wear. A test was run on B made at 3 plants from cast irons having various (up to 1.2%) P contents (with additions of Fe-P). The coefficient of friction and wear resistance were determined by weight loss at different speeds. The results were analyzed by the correlation process. These laboratory experiments are used to arrive at an iron of optimum composition, subject to verification by extensive service tests. In %, this composition is 2.8-3.2 C, 0.7-1 C combined, 0.7-1 Si, not over 1.2 Mn, 0.7-1 P, and ≤ 0.15 S. An important element of its

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137-58-5-10647

An Investigation of (cont.)

composition is P, which markedly increases the coefficient of friction. C and Si act in the opposite sense, and therefore they are held low. The iron must have a pearlite base. Also presented are data of laboratory and service tests of B made of various compositions (consisting of mineral fillers, powdered metals, and organic binders based on synthetic resins or rubbers).

S. O.

1. Materials--Production 2. Metals--Applications 3. Friction--Determination

Card 2/2

The Kalinov deposits of concretionary gypsum. V. P. Kazarinov. *Vestnik Zapadno-Sibirskogo Geol. Uprazhdeniya* 1939, No. 1, 42-8; *Khim. Referat. Zhur.* 1939, No. 11, 26-7.---Geol. characteristics of the gypsum deposits of the Altai region (near Rubtsovsk) are given. Gypsum is found in the form of concretions consisting of regularly formed water-clear crystals included in the mass of red-brown (below the grayish green) clays, probably of quaternary age. The av. compn. of gypsum according to excavation results (including the rock) reaches in some cases 100 kg./cu. m. of the deposit. The content of Ca SO₄·2H₂O in natural gypsum (roughly cleared from the ore) varies between 82.00 and 92.00%. This gypsum is suitable for the production of alabaster. W. R. H.

ASD-SEA DETAIL-LOCAL LITERATURE CLASSIFICATION

FA 4T107

KAZARINOV, V.P.

1945

USSR/Geology
Quartz

"The Genesis of Quartz Sands in Western Siberia,"
V. P. Kazarinov, 3 pp

Compt. rend.
"UR Acad. Sci" Vol XLIX, No 6, 434-7

Stratigraphic and tectonic scheme of the weathering
crust of West Siberia, in particular, the Chulym-
Yenissel, Near-Salair, and Nenin-Chumysh depressions

4T107

Genetic classification of fire clays and refractory clays in West Siberia. V. P. Kazanov. *Compt. rend. Acad. Sci. U.R.S.S.* 52, 660-662 (1966) (in English). Deposits of decumbent clay are divided as follows: (1) Orthoclucium, formed at expense of granites, effusives, and gneisses and occurring as pockets of weathering among original rocks. SiO_2 ranges from 45.0 to 68.0, av. 51.2%; Al_2O_3 21.1-42.3, av. 33.1%; loss on ignition 7.1-12.0, av. 10.2%. The refractoriness ranges from 1630-1730° and higher, av. 1700°. Some quartz is present in these clays. The clay mineral is kaolinite. Clays formed from the weathering of felsophyrites and quartz porphyrites are quite different from the above. Such clays are acid and semi-acid low refractory clays. (2) Paracalcium, formed chiefly through the weathering of shales and other lithified sedimentary rocks. Data for 40 deposits show SiO_2 51.0-70.5, av. 64.3%; Al_2O_3 11.1-23.9, av. 19.1%; loss on ignition 2.3-10.1, av. 5.5%; refractoriness 1350-1620°, av. 1530°. The chief clay mineral is montmorillonite. These clays are used as filler in paper and soap, for low-refractory semi-acid articles, in part in porcelain and faience. (3) Neocalcium, formed by kaolinization of Jurassic and Cretaceous rocks. They contain SiO_2 58.7-78.5, av. 66.0%; Al_2O_3 10.0-27.1, av. 18.7%; loss on ignition 5.3-11.2, av. 8.4%; refractoriness 1500-1680°, av. 1590°. Clay occurs in pockets among the non-weathered original loose rocks. The clay mineral is largely kaolinite in the white clays. In the clays derived from shales, argillites, etc., the clay mineral is montmorillonite. The neocalcium clays were formed by the decomposition of nondiagenized loose sediments (sands and clays). Other types are described. George T. Faust

1. MIZEROVA, T. P. - MATVEYA, F. A. - KAZARINOV, V. P.
2. USSR (600)
4. Balayskiy Deposits - Kaolin
7. Report on the prospecting work at the Kraval'skiy section of the Balayskiy kaolin deposits in 1940. (based on materials of B. N. Valukhov.) (Abstract)
Izv.Glav.upr.geol.fon. no. 2, 1947

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. TRAVIN, A. V. and VASIL'YEV, I. N. and KAZARINOV, V. P.
2. USSR (600)
4. Quartz-Tugan District
7. Tugan deposits of quartz sands. [Abstract.] Izv.Glav.upr.geol.fon. no.3, 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

KAZARINOV, V.P.

Kazarinov, V.P. "Feldspar and quartz raw materials in Western Siberia," in symposium: Syr'yevyye resursy tonkokeram. promsti SSSR i puti ikh ispol'zovaniya, Moscow-Leningrad, 1948, p. 191-95

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

KAZARINOV, Vladimir Panteleymonovich; VASIL'YEV, V.G., red.; YERSHOV, P.R.,
vedushchiy red.; PUDKOVA, I.G., tekhn. red.

[Mesozoic and Cenozoic deposits in Western Siberia] Mezozoiskie i
kainozoiskie otlozhenia Zapadnoi Sibiri. Moskva, Gos. nauchno-
tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 323 p.
(Siberia, Western—Geology) (MIRA 11:8)

KAZARINOV, V.P.

Mesozoic and Cenozoic formations in the West Siberian Lowland in connection with oil and gas prospecting. Sov.geol. 1 no.12: 57-68 D '58.
(MIRA 12:4)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya.
(Siberia, Western--Petroleum geology)
(Siberia, Western--Gas, Natural--Geology)

VASIL'YEV, V.G.; GRACHEV, G.I.; NEVOLIN, N.V.; OZERSKAYA, M.L.; PODOBA, N.V. Primeneniye uchastiye: ALEKSEYCHIK, S.N.; GUSHKOVICH, S.N.; DIKUSHEYN, G.Kh.; DZVELAYA, M.F.; DRABKIN, I.Ye.; IVANOVA, M.N.; KAZARINOV, V.P.; KALININA, V.V.; KOZLENKO, S.P.; MEDVEDEV, V.Ya.; PUSTIL'NIKOV, M.R.; ROSTOVTSSEV, N.N.; SKOBLAKOVA, G.I.; STEPANOV, P.P.; TITOV, V.A.; FOTIADI, E.E.; CHIRVINSKAYA, M.V.; SHMAROVA, V.P. GHATSIAHOVA, O.P., red.; BEKMAN, Yu.K., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Manual for geophysicists in four volumes] Spravochnik geofizika v chetyrekh tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry. Vol.1. [Stratigraphy, lithology, tectonics, and physical properties of rocks] Stratigrafiya, litologiya, tektonika i fizicheskie svoystva gornykh porod. Pod red. O.P. Gratsianovoi. 1960. 636 p. (MIRA 14:1)
(Petroleum geology) (Gas, Natural--Geology)

KAZARINOV, V.P.; MIKUTSKIY, S.P.; ODINTSOV, M.M.

Second Interdepartmental Conference on Compiling Lithologic-
Paleogeographical Maps of Siberia. Geol.i geofiz. no.5:109-111
'61. (Siberia—Geology—Maps) (MIRA 14:6)

GUROVA, Tamara Ivanovna; KAZARINOV, Vladimir Panteleymonovich; SARKISYAN, S.G., doktor geol.-mineral.nauk, prof., red.; IONEL', A.G., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Lithology and paleogeography of the West Siberian Plain in connection with its oil and gas potentials] Litologiya i paleogeografiya Zapadno-Sibirskoi nizmennosti v svyazi s neftegazonosnost'iu. Moskva, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 295 p., illus. (MIRA 14:12)

(West Siberian Plain—Petroleum geology)

(West Siberian Plain—Gas, Natural—Geology)

KAZARINOV, V.P.; MIKUTSKIY, S.P.

Results of the interdepartmental coordinating conference on
making lithofacies and paleogeographical maps of Siberia.
Geol. i geofiz. no.4:143-145 '60. (MIRA 13:9)
(Siberia--Paleogeography--Maps)

KAZARINOV, V.P.

West Siberian Plain as a new ore province of the Soviet Union. Sov.
geol. 3 no.2:3-16 P '60. (MIRA 13:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya.
(West Siberian Plain--Ore deposits)

KAZARINOV, V.P.

Sedimentary complexes in Western Siberia. Sov. geol. 3 no.8:26-38
Ag '60. (MIRA 13:9)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya.
(Siberia, Western---Rocks, Sedimentary)

KAZARINOV, V.P.; KAS'YANOV, M.V.; KOSYGIN, Yu.A.; POSPELOV, G.L.; SAKS, V.N.;
SOBOLEV, V.S.; SOKOLOV, B.S.; FOTIADI, E.E.; YANSHIN, A.L.

Academician Andrei Alekseevich Trofimuk; on his 50th birthday.
Geol. i geofiz. no.9:124-126 '61. (MIRA 14:11)
(Trofimuk, Andrei Alekseevich, 1911-)

GURARI, F.G.; KAZARINOV, V.P.; KAS'YANOV, M.V.; NESTEROV, I.I.;
ROSTOV'TSEV, N.N.; ROVNIN, L.I.; RUDKEVICH, M.Ya.; TROFIMUK, A.A.;
ERV'YEV, Yu.G.; MIRONOV, Yu. K.

West Siberian Plain is a new oil and gas production center of
the U.S.S.R. Geol.i geofiz. no.10:3-15 '61. (MIRA 14:12)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya, Institut geologii i geofiziki Sibirskogo
otdeleniya AN SSSR, Novosibirsk, Tyumenskoye territorial'noye
geologicheskoye upravleniye i Novosibirskoye territorial'noye
geologicheskoye upravleniye.

(West Siberian Plain—Petroleum geology)

(West Siberian—Gas, Natural)

KAZANSKIY, Yu.P.; KAZARINOV, V.P.

Fifth All-Union Conference on Lithology. Geol.i geofiz. no.10:129.
130 '61. (MIRA 14:12)

(Petrology--Congresses)

AKUL'SHINA, Ye.P.; BGATOV, V.I.; KAZARINOV, V.P.; KOSOLCBOV, N.I.;
DAYEV, G.A., vedushchiy red.; FRUMKIN, P.S., tekhn.red.

[Characteristics of the sedimentation in the Devonian and Lower Carboniferous of the South Minusinsk Lowland] Zakonomernosti osadkonakopleniia v devone i nizhnem karbone Iuzhno-Minusinskoi kotloviny. Leningrad, Gos.nauchno-tekhn. izd-vo nef't.i gornotoplivnoi lit-ry, Leningr.otd-nie, 1960. 132 p. (Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy, no.12). (MIRA 15:5)
(Minusinsk Basin--Rocks, Sedimentary)

KAZARINOV, V.P.; YANSHIN, A.L.

Prospects for finding phosphorites and potassium salts in
Siberia and the Far East. Geol. i geofiz. no.10:16-27
'61. (MIRA 14:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

(Siberia--Phosphorites)
(Siberia--Potassium salts)

BOGOLEPOV, K.V.; VDOVIN, V.V.; KAZARINOV, V.P.; PEL'TEK, Ye.I.; YANSHIN, A.L.

In memory of IUrii Konstantinovich Goretskii. Geol.i geofiz.
no.12:139-141 '61. (MIRA 15:5)
(Goretskii, IUrii Konstantinovich, 1912-1961)

BGATOV, V.I.; KAZANSKIY, Yu.P.; KAZARINOV, V.P.

Fifth All-Union Lithological Conference. Sov.geol. 5 no.1:
177-180 Ja '62. (MIRA 15:2)
(Petrology--Congresses)

BGATOV, V.I.; BOGOLEPOV, K.V.; KAZARINOV, V.P.; KALUGIN, A.S.; KOSOLOBOV,
N.I.; KOSYGIN, Yu.A.; KRASIL'NIKOV, B.N.; KRASNOV, V.I.; KUZNETSOV,
Yu.A.; KUZNETSOV, V.A.; LIZALEK, N.A.; ROSTOVTSEV, N.N.; SAKS, V.N.

In memory of Vadim Sergeevich Meleshchenko. Geol.i geofiz.
no.2:130-131 '62. (MIRA 15:4)
(Meleshchenko, Vadim Sergeevich, 1917-1961)

KAZARINOV, V.P.

Bauxites in Siberia. Geol. i geofiz. no.10:42-52 '62.
(MIRA 15:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya
AN SSSR, Novosibirsk.
(Siberia—Bauxite)